

Converting Colors

XYZ(57.9800, 68.9733, 73.6267)

Have a look what the booklet for
XYZ(57.9800, 68.9733, 73.6267)
contains.

XYZ(57.9244, 68.8315, 73.8512)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.9244, 68.8315,
73.8512)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E2D6
RGB	179, 226, 214
RGB Percent	70%, 89%, 84%
CMY	0.2980, 0.1137, 0.1608
CMYK	0.21, 0.00, 0.05, 0.11
HSL	165°, 45%, 79%
HSV	165°, 21%, 89%
XYZ	57.9244, 68.8315, 73.8512
YIQ	210.5790, -24.1600, -13.6960

Conversions

Conversions Part 2

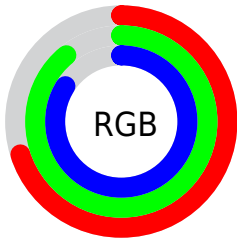
Format	Color
RYB	179, 206, 226
Decimal	11789014
CIELab	86.42, -17.55, 0.86
CIElCh	86, 17.575, 177.182
Yxy	68.8315, 0.2887, 0.3431
Android (android.graphics.Color)	4289979094 (0xFFB3E2D6)
YUV	210.5790, 1.6866, -27.6948
Hunter-Lab	82.9648, -20.5630, 5.2982

Details

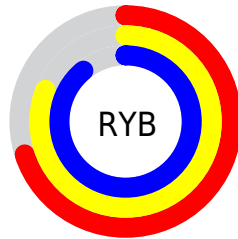
The XYZ color **57.9244, 68.8315, 73.8512** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.8906, 52.1724, 56.3651**, and the grayscale version is **61.6415, 64.8516, 70.6234**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **29.2784, 35.9890, 38.2043** is the 20% darker color. If you saturate the color by 10%, you get **52.3993, 66.0687, 69.8139**, and if you desaturate by 10%, it is **64.3356, 72.0517, 78.0692**.

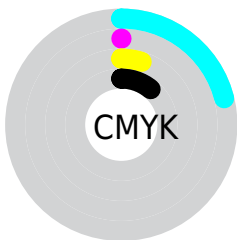
Distribution



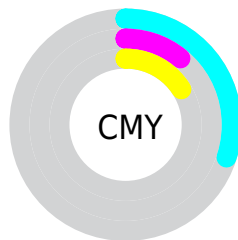
- Red (70%)
- Green (89%)
- Blue (84%)



- Red (70%)
- Yellow (81%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9244, 68.8315, 73.8512 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.9244, 68.8315, 73.8512 by changing the saturation by 10% instead.

■ 57.9244, 68.8315,
73.8512

■ 57.9244, 68.8315,
73.8512

406.8626,
456.4365, 493.1093

■ 41.9909, 50.5745,
54.1762

■ 100.9364,
117.5409, 126.4169

■ 29.2852, 35.8701,
38.3484

128.7455,
148.7620, 160.1448

■ 19.4421, 24.3339,
25.9493

161.2440,
185.0734, 199.3940

■ 12.0960, 15.5815,
16.5603

198.7970,
226.8593, 244.5831

■ 6.8818, 9.2285,
9.7629

241.7701,
274.5041, 296.1306

■ 3.4339, 4.8905,
5.1385

290.5284,

■ 1.3872, 2.1832,

328.3924, 354.4551

2.2686

345.4375,
388.9083, 419.9752

■ 0.2471, 0.7108,
0.7135

■ 0.0000, 0.0000,
0.0000

■ 57.9244, 68.8315,
73.8512

■ 57.9244, 68.8315,
73.8512

■ 52.3993, 66.0687,
69.8139

■ 64.3356, 72.0517,
78.0692

■ 47.7126, 63.7333,
65.9493


■ 71.6661, 75.7410,
82.4666


■ 43.8207, 61.8047,
62.2555


■ 79.9547, 79.9211,
87.0478


■ 40.6739, 60.2573,
58.7287


■ 83.7365, 81.7748,
91.5586


 38.2166, 59.0624,
55.3648


 84.5940, 82.1178,
96.0742

 36.3852, 58.1873,
52.1593

 85.4789, 82.4718,
100.7341

 35.1038, 57.5930,
49.1073

 86.3915, 82.8368,
105.5396

 34.2925, 57.2332,
46.4272

 86.4876, 82.8753,
106.0459

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.0730, 68.8315, 63.4605



57.9244, 68.8315, 73.8512



58.7150, 68.8315, 85.6402

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9244, 68.8315, 73.8512



69.0570, 68.8315, 96.6661



69.7490, 68.8315, 57.6690

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.9244, 68.8315, 73.8512



56.8906, 52.1724, 56.3651

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6219, 68.8315, 65.1810



57.9244, 68.8315, 73.8512



72.2109, 68.8315, 87.7395

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.9244, 68.8315, 73.8512



65.0389, 68.8315, 99.5915



73.5408, 68.8315, 76.0512



65.8071, 68.8315, 54.7437

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.9244, 68.8315, 73.8512



60.2541, 68.8315, 92.5875



73.5408, 68.8315, 76.0512



70.8778, 68.8315, 59.7007

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.9264, 68.8343, 73.8527



89.0206, 96.9637, 105.3675



56.9555, 68.7960, 52.9261



18.9195, 20.6865, 22.4718



0.0000, 0.0000, 0.0000



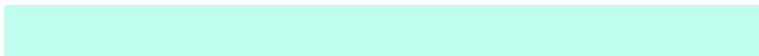
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9264, 68.8343, 73.8527



72.8475, 88.8443, 94.7540



56.6290, 63.6952, 81.2646



13.9592, 15.5094, 16.8205



19.6135, 32.6702, 26.7512



1.3951, 2.2787, 2.0416

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.8906, 52.1724, 56.3651



71.2528, 63.1617, 67.8077



57.9092, 56.2379, 50.4519



13.8501, 13.7577, 14.9810



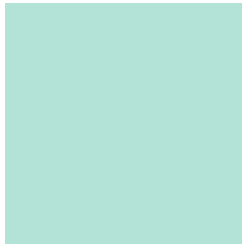
18.3655, 9.4132, 3.3248



1.3089, 0.6668, 0.4196

Previews

White Background



This preview shows how the XYZ color 57.9244, 68.8315, 73.8512 looks on a white background.

Color Contrast Check

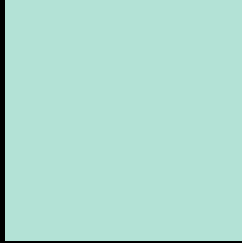
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.9244, 68.8315, 73.8512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

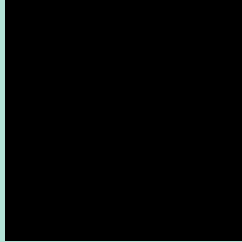
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

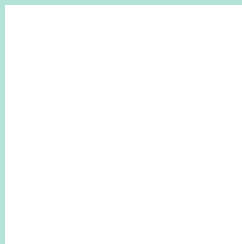
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9244, 68.8315, 73.8512

Background



This preview shows how black text looks on a background with the XYZ color 57.9244, 68.8315, 73.8512.

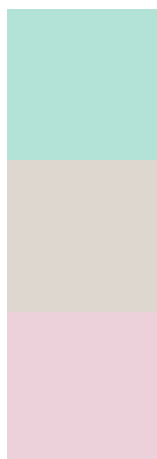


This preview shows how white text looks on a background with the XYZ color 57.9244, 68.8315,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.9244, 68.8315, 73.8512

Protanopia

65.5044, 68.5271, 69.4491

Deuteranopia

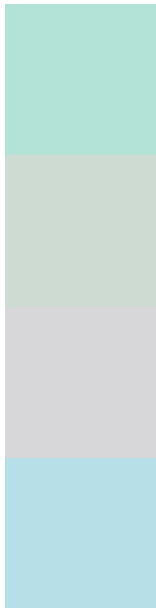
70.0474, 68.4958, 75.8588



Tritanopia

61.6166, 68.7242, 92.4556

Trichromacy



Original Color

57.9244, 68.8315, 73.8512

Protanomaly

62.4180, 68.4380, 70.8928

Deuteranomaly

64.8492, 68.0577, 75.3642

Tritanomaly

60.1029, 68.4900, 85.6534

Monochromacy



Original Color

57.9244, 68.8315, 73.8512

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.9927, 66.0073, 71.8661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9244, 68.8315, 73.8512 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 226, 214)` looks like.

```
.text, #text, p{  
    color:rgb(179, 226, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 226, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 226, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.9244, 68.8315, 73.8512 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 226, 214) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(179, 226, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(179, 226, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(179, 226,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9244, 68.8315, 73.8512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 226, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179,  
226, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor